

1600

RAW SEQUENCE LISTING

Juma Chi

PATENT APPLICATION: US/09/328,877D

DATE: 12/11/2003 TIME: 12:18:24

**ENTERED** 

Input Set : A:\6142\_revised2.seq.txt
Output Set: N:\CRF4\12112003\I328877D.raw

RECEIVED

DEC 2 3 2003

3 <110> APPLICANT: Gurney, Mark E.

Li, Jinhe

Pauley, Adele M.

TECH CENTER 1600/2900

7 Pauley, Adele M.

9 Pharmacia & Upjohn Company

13 <120> TITLE OF INVENTION: Human Sel-10 Polypeptides and Polynucleotides that

15 Encode Them

19 <130> FILE REFERENCE: 6142

C--> 23 <140> CURRENT APPLICATION NUMBER: US/09/328,877D

C--> 25 <141> CURRENT FILING DATE: 1999-06-09

29 <160> NUMBER OF SEQ ID NOS: 32

33 <170> SOFTWARE: PatentIn Ver. 2.0

36 <210> SEQ ID NO: 1 37 <211> LENGTH: 3550

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38 <212> TYPE: DNA

39 <213> ORGANISM: Homo sapiens

41 <220> FEATURE:

42 <221> NAME/KEY: misc\_feature

43 <222> LOCATION: (2485)..(2485)

44 <223> OTHER INFORMATION: residue uncertain

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1140



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Output Set: N:\CRF4\12112003\1328877D.raw

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     180 <220> FEATURE:
     181 <221> NAME/KEY: misc feature
     182 <222> LOCATION: (2506) ... (2506)
     183 <223> OTHER INFORMATION: residue uncertain
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			tctaccacat					300							
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289	tgt	gcct	cta	agag	gctg	ag a	atgg	aaga	g tt	tcag	ataa	taa	agag	tga	agtt <sup>.</sup>	tgcctg	2	940
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357	Leu	Lys	Met	Ile	Phe	Tyr	Lys	Met	Lys	Arg	Lys	Leu	Asp	His	Gly	Ser		
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365				100					105					110				
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383	145					150					155					160		
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389					165					170					175			
393	Ile	Asp	Ser	Cys	Glu	Pro	Thr	Gln	Val	Lys	His	Met	Met	Gln	Val	Ile		
395				180					185					190				
399	Glu	Pro	Gln	Phe	Gln	Arg	Asp	Phe	Ile	Ser	Leu	Leu	Pro	Lys	Glu	Leu		
401			195					200			,		205					
405	Ala	Leu	Tyr	Val	Leu	Ser	Phe	Leu	Glu	${\tt Pro}$	Lys	Asp	Leu	Leu	Gln	Ala		
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			Glu	Lys	Cys 245	Lys	Glu	Glu	Gly	Ile 250	Asp	Glu	Pro	Leu	His 255	-
423 425	Lys	Arg	Arg	Lys 260	Val	Ile	Lys	Pro	Gly 265	Phe	Ile	His	Ser	Pro 270		Lys
429 431	Ser	Ala	Tyr 275	Ile	Arg	Gln	His	Arg 280	Ile	Asp	Thr	Asn	Trp 285	Arg	Arg	Gly
435 437	Glu	Leu 290	Lys	Ser	Pro	Lys	Val 295	Leu	Lys	Gly	His	Asp 300	Asp	His	Val	Ile
	Thr 305	Cys	Leu	Gln	Phe	Cys 310	Gly	Asn	Arg	Ile	Val 315	Ser	Gly	Ser	Asp	Asp 320
447 449	Asn	Thr	Leu	Lys	Val 325	Trp	Ser	Ala	Val	Thr 330	Gly	Lys	Cys	Leu	Arg 335	Thr
453 455	Leu	Val	Gly	His 340	Thr	Gly	Gly	Val	Trp 345	Ser	Ser	Gln	Met	Arg 350	Asp	Asn
459 461	Ile	Ile	Ile 355	Ser	Gly	Ser	Thr	Asp 360	Arg	Thr	Leu	Lys	Val 365	Trp	Asn	Ala
465 467	Glu	Thr 370	Gly	Glu	Cys	Ile	His 375	Thr	Leu	Tyr	Gly	His 380	Thr	Ser	Thr	Val
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477 479	Ala	Thr	Leu	Arg	Val 405		Asp	Ile	Glu	Thr 410	Gly	Gln	Cys	Leu	His 415	
483 485	Leu	Met	Gly	His 420	Val	Ala	Ala	Val	Arg 425	Cys	Val	Gln	Tyr	Asp 430	Gly	Arg
489 491	Arg	Val	Val 435	Ser	Gly	Ala	Tyr	Asp	Phe	Met	Val	Lys	Val 445	Trp	Asp	Pro
495 497	Glu	Thr 450	Glu	Thr	Cys	Leu	His 455	Thr	Leu	Gln	Gly	His 460	Thr	Asn	Arg	Val
	Tyr 465	Ser	Leu	Gln	Phe	Asp 470	Gly	Ile	His	Val	Val 475	Ser	Gly	Ser	Leu	Asp
507 509	Thr	Ser	Ile	Arg	Val 485	Trp	Asp	Val	Glu	Thr 490	Gly	Asn	Cys	Ile	His 495	Thr
513 515	Leu	Thr	Gly	His 500	Gln	Ser	Leu	Thr	Ser 505	Gly	Met	Glu	Leu	Lys 510	Asp	Asn
519 521	Ile	Leu	Val 515	Ser	Gly	Asn	Ala	Asp 520	Ser	Thr	Val	Lys	Ile 525	Trp	Asp	Ile
525 527	Lys	Thr 530	Gly	Gln	Cys	Leu	Gln 535	Thr	Leu	Gln	Gly	Pro 540	Asn	Lys	His	Gln
531 533		Ala	Val	Thr	Cys	Leu 550	Gln	Phe	Asn	Lys	Asn 555	Phe	Val	Ile	Thr	Ser 560
537 539	Ser	Asp	Asp	Gly	Thr 565	Val	Lys	Leu	Trp	Asp 570	Leu	Lys	Thr	Gly	Glu 575	Phe
543 545	Ile	Arg	Asn	Leu 580	Val	Thr	Leu	Glu	Ser 585	Gly	Gly	Ser	Gly	Gly 590	Val	Val
549 551	Trp	Arg	Ile 595	Arg	Ala	Ser	Asn	Thr 600	Lys	Leu	Val	Cys	Ala 605	Val	Gly	Ser
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RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/09/328,877D

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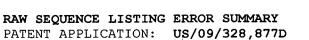
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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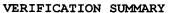
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Seq#:5; Line(s) 933,935,937,939,941,943,945,947,949,951,953,955,957,959,961
Seq#:5; Line(s) 963,965,967,969,971,973,975,977,979,981,983,985,987,989,991
Seq#:5; Line(s) 993,995,997,999,1001,1003,1005,1007,1009,1011,1013,1015
Seq#:5; Line(s) 1017,1019,1021,1023,1025,1027,1029,1031,1033,1035
Seq#:6; Line(s) 1037,1039,1041,1043,1045,1047,1049,1051,1053,1055,1057,1059
Seq#:6; Line(s) 1061,1063,1065,1067,1069,1071,1073,1075,1077,1079,1081,1083
Seq#:6; Line(s) 1085,1087,1089,1091,1093,1095,1097,1099,1101,1103,1105,1107
Seq#:6; Line(s) 1109,1111,1113,1115,1117,1119,1121,1123,1125,1127,1129,1131
Seq#:6; Line(s) 1133,1135,1137,1139,1141,1143,1145,1147,1149,1151,1153,1155
Seq#:6; Line(s) 1157,1159,1161,1163,1165,1167,1169,1171,1173,1175,1177,1179
Seq#:6; Line(s) 1181,1183,1185,1187,1189,1191,1193,1195,1197,1199,1201,1203
Seq#:6; Line(s) 1205,1207,1209,1211,1213,1215,1217,1219,1221,1223,1225,1227
Seq#:6; Line(s) 1229,1231,1233,1235,1237,1239,1241,1243,1245,1247,1249,1251
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DATE: 12/11/2003 TIME: 12:18:25

Input Set: A:\6142\_revised2.seq.txt
Output Set: N:\CRF4\12112003\1328877D.raw

Seq#:6; Line(s) 1253,1255,1257,1259
Seq#:7; Line(s) 1261,1263,1265,1267,1269,1271,1273,1275,1277,1279,1281,1283
Seq#:7; Line(s) 1285,1287,1289,1291,1293,1295,1297,1299,1301,1303,1305,1307
Seq#:7; Line(s) 1309,1311,1313,1315,1317,1319,1321,1323,1325,1327,1329,1331
Seq#:7; Line(s) 1333,1335,1337,1339,1341,1343,1345,1347,1349,1351,1353,1355
Seq#:7; Line(s) 1357,1359,1361,1363,1365,1367,1369,1371,1373,1375,1377,1379
Seq#:7; Line(s) 1381,1383,1385,1387,1389,1391,1393,1395,1397,1399,1401,1403
Seq#:7; Line(s) 1405,1407,1409,1411,1413,1415,1417,1419,1421,1423,1425,1427
Seq#:7; Line(s) 1429,1431,1433,1435,1437,1439,1441,1443,1445,1447,1449,1451
Seq#:7; Line(s) 1453,1455,1457,1459,1461,1463,1465,1467,1469,1471,1473,1475
Seq#:7; Line(s) 1477
Seq#:8; Line(s) 1479,1481,1483,1485,1487,1489,1491,1493,1495,1497,1499,1501
Seq#:8; Line(s) 1503,1505,1507,1509,1511,1513,1515,1517,1519,1521,1523,1525
Seq#:8; Line(s) 1527,1529,1531,1533,1535,1537,1539,1541,1543,1545,1547,1549



PATENT APPLICATION: US/09/328,877D

DATE: 12/11/2003 TIME: 12:18:25

Input Set : A:\6142\_revised2.seq.txt
Output Set: N:\CRF4\12112003\1328877D.raw

L:23 M:270 C: Current Application Number differs, Replaced Current Application Number

L:25 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:2460

M:341 Repeated in SeqNo=1

L:275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:2460

M:341 Repeated in SeqNo=2